ABSTRACT

A method and apparatus for providing broadcast discovery in a network having one or more 1394 buses is disclosed. Devices connected to a bus generate advertised discovery information upon either a reset of the bus or a receipt of a

5   solicit packet sent to all devices in the network by a discovering device. The devices generate the advertised discovery information upon the receipt of the solicit packet if the solicit packet contains either a global bus identifier or a bus identifier associated with the bus to which the devices are connected. The discovering device receives the advertised discovery information sent by the

10   devices. Based on the advertised discovery information, the discovering device maintains a list of devices and services included within the devices.